

```
#include <stdio.h>
#include <stdlib.h>
#include <string.h>

#define BUF_LEN 1024

int main() {
    char command[BUF_LEN];
    char* argv[100];
    char* path= "/bin/";
    char ppath[20];

    while(1) {

        printf("ush> ");
        if(!fgets(command, BUF_LEN, stdin)){
            break;
        }
        size_t length = strlen(command);
        if (command[length - 1] == '\n')
            command[length - 1] = '\0';
        if(strcmp(command, "exit\0")==0) {
            break;
        }
        char *token;
        token = strtok(command, " ");
        int i=0;
        while(token!=NULL) {
            argv[i]=token;
            token = strtok(NULL, " ");
            i++;
        }
        argv[i]=NULL;
        strcpy(ppath, path);
        strcat(ppath, argv[0]);
        for(i=0; i<strlen(ppath); i++){
            if(ppath[i]=='\n'){
                ppath[i]='\0';
            }
        }
        int pid= fork();
        if(pid==0) {
            execvp(ppath,argv);
            fprintf(stderr, "Child process could not do execvp\n");
        }else{
            wait(NULL);
            //printf("Child exited\n");
        }
    }
}
```